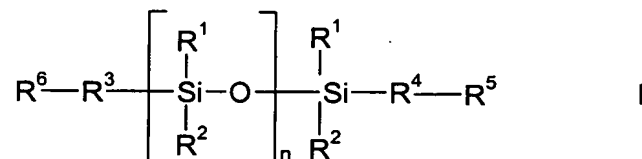


Polyurethane dispersion containing siloxane groups

Abstract

- 5 Aqueous dispersion of a polyurethane, obtainable by reacting polyisocyanates and isocyanate-reactive compounds in miniemulsion, wherein the isocyanate-reactive compounds are at least in part polysiloxanes of the formula I



10

where

- R^1 and R^2 independently of one another are a monovalent hydrocarbon radical having not more than 20 carbon atoms, which if appropriate may also contain heteroatoms
15 such as O or N,

- R^3 and R^4 independently of one another are a single bond or a divalent hydrocarbon radical having not more than 20 carbon atoms, which if appropriate may also contain heteroatoms such as O or N,
20

- R^5 and R^6 independently of one another are a group OH, SH, NH_2 or NHR^7 and R^7 is a monovalent hydrocarbon radical having not more than 20 carbon atoms, which if appropriate may also contain heteroatoms such as O or N,
25

- and n is an integer from 1 to 100.